

Claims

We claim:

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1. A method of collecting capacity planning data at a central collection location, said method comprising:
 - collecting client management data;
 - storing the client management data in a cache for a selected time interval;
 - averaging the client management data over the selected time interval; and
 - transmitting the averaged data to the central collection location.
 2. The method as recited in claim 1, wherein the client management data is collected at the client machine.
 3. The method as recited in claim 1, wherein said collecting step includes collecting client management data for a plurality of clients.
 4. The method as recited in claim 1, wherein the client management data is collected at a first time interval.
 5. The method as recited in claim 4, wherein the selected time interval is at least twice as long as the first time interval.

6. The method as recited in claim 1, wherein the client management data is stored in one or more tables in the cache.

7. The method as recited in claim 1, wherein the client management data is stored in one or more allocated portions of memory.

8. A computer-readable medium having computer-executable instructions for performing the steps recited in claim 1.

9. A computer system having a processor, a memory, and an operating environment, the computer system operable to execute the steps recited in claim 1.

10. A computer-readable medium having computer-executable components comprising:

a client collection component for collecting client management data;

a client caching component for storing the client management data for a selected time interval; and

an averaging component for averaging the client management data over the selected time interval.

11. The computer-readable medium of claim 10 further comprising a transmission component for transmitting the averaged client management data to a central collection location.

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12. The computer-readable medium of claim 11, wherein the transmission component transmits raw client management data upon occurrence of an event.

13. The computer-readable medium of claim 12, wherein the event is exceeding of one or more performance thresholds.

14. A computer-readable medium having stored thereon a data structure comprising a data field containing averaged client management data for collecting performance monitoring data into capacity planning data.

15. A computer-readable medium having computer-executable modules comprising:

means for collecting client management data;

means for storing the client management data for a selected time interval; and

means for averaging the client management data over the selected time interval.

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17. The computer-readable transmission means transmits raw client management data to the server.

18. The computer-readable medium stores instructions for performing the method of claim 1, the instructions exceeding of one or more performance threshold.

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